

Appln. No. 09/887,086
Amdt. dated March 31, 2005
Reply to Office Action of January 4, 2005

Amendments To The Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for evaluating verification of data by ~~an~~ a human operator, comprising the steps of:
 - presenting the data to the operator on a computer-controlled display;
 - measuring a time duration over which the operator interacts with the display in verifying the presented data;
 - and
 - evaluating the verification of the data by the operator responsive to the time duration.
2. (Previously Presented) The method according to claim 1, wherein presenting the data comprises displaying characters from a document to which codes have been assigned so that the operator can verify that the assigned codes are correct.
3. (Previously Presented) The method according to claim 2, wherein displaying the characters comprises

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displaying results of optical character recognition (OCR) processing.

4. (Previously Presented) The method according to claim 3, wherein displaying the results comprises displaying together a plurality of characters which have been assigned the same code by the OCR processing.

5. (Previously Presented) The method according to claim 2, wherein displaying the characters comprises presenting characters in the form of a word.

6. (Previously Presented) The method according to claim 1, wherein measuring a time duration over which the operator interacts with the display comprises measuring the time taken by the operator to verify an entire screen of the data.

7. (Previously Presented) The method according to claim 1, wherein measuring the time duration over which the operator interacts with the display comprises measuring an interaction with a particular item on a screen of the data.

8. (Previously Presented) The method according to claim 7, wherein measuring the interaction with the particular item on the screen comprises monitoring use of a pointing

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device by the operator.

9. (Previously Presented) The method according to claim 1, wherein evaluating the verification of the data comprises assigning a confidence level to the data responsive to the time duration.

10. (Previously Presented) The method according to claim 9, wherein assigning the confidence level comprises lowering the confidence level as the time duration increases.

11. (Previously Presented) The method according to claim 10, and further comprising effecting a corrective action responsive to the low confidence level.

12. (Previously Presented) The method according to claim 11, wherein effecting the corrective action comprises presenting the data to a second operator.

13. (Previously Presented) The method according to claim 1, wherein evaluating the verification of the data comprises rejecting the verification of the data when the time duration exceeds a predetermined limit.

14. (Previously Presented) The method according to claim 13, wherein rejecting the verification comprises passing the data to another operator for verification.

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15. (Previously Presented) The method according to claim 1, wherein measuring the time duration comprises calculating an average time duration for the operator to process a given quantity of the data, and comparing the time duration to the average.

16. (Previously Presented) The method according to claim 1, wherein measuring the time duration over which the operator interacts with the display comprises measuring movement of an eye of the operator in viewing the display.

17. (Previously Presented) The method according to claim 1, wherein evaluating the verification of the data comprises rejecting the verification of the data when the time duration is less than a predetermined limit.

18. (Currently Amended) Data verification apparatus, comprising:

an interactive display, configured to present data for verification to ~~an~~ a human operator;

an input device coupled to the interactive display so as to enable the operator to verify the presented data by interaction with the display; and

a processor arranged to measure a time duration during which the operator interacts with the display in

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verifying the presented data, and to evaluate the verification of the data by the operator responsive to the time duration.

19. (Previously Presented) The apparatus according to claim 18, wherein the data comprise characters from a document to which a code has been assigned, presented so that the operator can verify that the assigned code is correct.

20. (Previously Presented) The apparatus according to claim 18, wherein the codes are determined by optical character recognition (OCR) processing of the characters.

21. (Previously Presented) The apparatus according to claim 20, wherein the data presented for verification comprise a plurality of characters which have been classified by the OCR processing as having the same code.

22. (Previously Presented) The apparatus according to claim 18, wherein the processor is arranged to measure the time duration over which the operator interacts with the whole screen.

23. (Previously Presented) The apparatus according to claim 18, wherein the processor is arranged to measure the time duration over which the operator interacts with a particular item on the screen.

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24. (Previously Presented) The apparatus according to claim 18, and further comprising an eye tracking device, adapted to measure movement of an eye of the operator in viewing the display, wherein the processor is coupled to receive an input from the eye tracking device for use in evaluating the verification of the data.

25. (Currently Amended) The computer software product for evaluating verification of data by an-a human operator, the product comprising a computer-readable medium in which program instructions are stored, which instructions, when read by a computer, cause the computer to present the data to the operator on a computer-controlled display, to measure a time duration over which the operator interacts with the display in verifying the presented data, and to evaluate the verification of the data by the operator responsive to the time duration.

26. (Previously Presented) The product according to claim 25, wherein the instructions cause the computer to display characters from a document to which codes have been assigned so that the operator can verify that the assigned codes are correct.

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27. (Previously Presented) The product according to claim 26, wherein the instructions cause the computer to display results of optical character recognition (OCR) processing.

28. (Previously Presented) The product according to claim 27, wherein the instructions cause the computer to display together a plurality of characters which have been assigned the same code by the OCR processing.

29. (Previously Presented) The product according to claim 27, wherein the instructions cause the computer to present characters in the form of a word.

30. (Previously Presented) The product according to claim 25, wherein the instructions cause the computer to measure the time taken by the operator to verify an entire screen of the data.

31. (Previously Presented) The product according to claim 25, wherein the instructions cause the computer to measure a time duration of an interaction with a particular item on a screen of the data.

32. (Previously Presented) The product according to claim 31, wherein the instructions cause the computer to

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monitor use of a pointing device by the operator.

33. (Previously Presented) The computer software product according to claim 25, wherein the instructions cause the computer to assign a confidence level to the data responsive to the time duration.

34. (Previously Presented) The product according to claim 33, wherein the instructions cause the computer to lower the confidence level as the time duration increases.

35. (Previously Presented) The product according to claim 34, and wherein the instructions cause the computer to effect a corrective action responsive to the low confidence level.

36. (Previously Presented) The product according to claim 35, wherein the instructions cause the computer to present the data to a second operator.

37. (Previously Presented) The product according to claim 25, wherein the instructions cause the computer to reject the verification of the data when the time duration exceeds a predetermined limit.

38. (Previously Presented) The product according to claim 37, and wherein the instructions cause the computer

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to pass the data to another operator for verification.

39. (Previously Presented) The product according to claim 25, wherein the instructions cause the computer to calculate an average time duration for the operator to process a given quantity of the data, and to compare the time duration to the average.

40. (Previously Presented) The product according to claim 25, wherein the instructions cause the computer to measure a time duration of a mouse cursor dwelling substantially on one item on the display by tracking the cursor by means of a tracking device, the tracking device connected electrically to the computer.

41. (Previously Presented) The product according to claim 25, wherein the instructions cause the computer to measure a time duration of a movement of an operator's eye by tracking the eye by means of a tracking device, the tracking device connected electrically to the computer.

42. (Previously Presented) The product according to claim 25, wherein the instructions cause the computer to reject the verification of the data when the time duration is less than a predetermined limit.